

## Certificate of Analysis

Date of Testing: 2024-09-04 16:41:11  
Date of Next Testing: 2026-08-25 16:41:11  
Product Name: **Trimethylsilyl trifluoromethanesulfonate**  
CAS Number: 27607-77-8  
Specifications & Purity: 98%  
Lot #: A2111227  
SKU #: **T106616**  
Version: **2**  
Analysis #: **398618**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20/D</sub>	1.359-1.361	1.36
Purity(Neutralization titration)	97.5-102.5 (%)	99.81 %
Appearance (T106616)	Colorless to Light yellow to Light orange clear liquid	Colorless to Light yellow to Light orange clear liquid
Fluorine NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager